

WA 291J
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PERSONNEL SAFETY PLAN

SITE NAME: Chemical Processors
SITE LOCATION: Pier 91
Seattle, WA

USEPA RCRA

3012680

NOTE

This plan should be used for inspections at operating facilities only and is in part dependent upon and superseded by the specific facility site safety plan. However, this plan must be completed as appropriate, prior to performing an inspection pursuant to the rules and regulations for the management of hazardous waste under RCRA.

I. Purpose

The purpose of this plan is to assign responsibilities, establish personnel protection standards, mandatory operating procedures, and provide for contingencies that may arise while an inspection is being conducted at the site.

II. Applicability

The provisions of the plan are mandatory for all EPA personnel and personnel under contract to EPA present at the site while inspection activities are being conducted.

1. Safety Officer

A. At the site, the Safety Officer shall to the extent practical:

1. Conduct site monitoring of personnel hazards to determine the degree of hazard present.
2. Determine personnel protection levels and necessary clothing and equipment to ensure the safety of personnel.
3. Evaluate weather and chemical hazard information, and recommend to the investigations team leader any necessary modifications to work plans and personnel protection levels to maintain personnel safety.
4. Monitor the safety performance of all personnel to ensure that the required practices are employed.

B. The Safety Officer for this site is: _____

V. INITIAL HAZARD ASSESSMENT CHECKLIST

In conducting inspections of permitted hazardous waste management facilities or those facilities with interim status, assessing the potential hazard of the particular site before entry may not require extensive field monitoring. However, detailed hazard assessment procedures are outlined below for those sites suspected of presenting a high level of risk so that the inspector may enter the facility with the necessary protective clothing and equipment.

In order to determine whether to enter a potentially hazardous field site and to determine the appropriate level of protective equipment to be worn when entering, the nature and extent of the hazard first must be assessed. The following is a decision logic for this procedure:

- | | APPLICABILITY
Y/N |
|--|----------------------|
| 1. Prior to on-site arrival, reviewed evidence of potential exposure. The review should include any information available concerning the site and the hazardous waste handled. | [<u>Y</u>] |
| 2. Reviewed available toxicological information including texts, computer data via phone link-up (OHM-TADS), manuals (CHRIS), etc. | [<u>Y</u>] |
| 3. After reviewing the available environmental and toxicological information, choose protective clothing according to the types and levels of waste material handled. | [<u>Y</u>] |

Level A

Level A protection must be worn when the inspector makes [] a reasonable determination that the highest available level of both respiratory and skin (and eye) contact protection is needed. It should be noted that while Level A provides maximum available protection, it does not protect against all possible hazards. Consideration of the heat stress that can arise from wearing Level A protection should also enter into the inspector's decision. (Comfort is not a decision factor, but heat stress will influence work rate, scheduling, and other work practices.)

Level B

The inspector must select Level B protection when the [] highest level of respiratory protection is needed, but hazardous material exposure to the few unprotected areas of the body (i.e., the back of the neck) is unlikely with Level B protective clothing.

APPLICABILITY
Y/N

Level C

The inspector may select Level C when the required level of [Y]
respiratory protection is known, or reasonably assumed to be, not
greater than the level of protection afforded by air purifying
respirators, and hazardous materials exposure to the few unprotected
areas of the body (i.e., the back of the neck) is unlikely with
Level C protection clothing.

Level D

Level D is the basic work uniform. For routine compliance [Y]
inspection, civilian clothes may be worn. Outer protective gear
should be available for use if required. Coveralls may be worn as
necessary.

If conditions requiring levels A or B are assessed to exist, the RCRA
inspector should seek the support and expertise of a trained emergency
response team and defer entry to that response team.

WARNING:

If there is evidence of a significant fire or explosive potential or high
levels of nuclear radiation where protective equipment would not be adequate,
entry is totally inadvisable.

EMERGENCY TELEPHONE NUMBERS

Immediate Emergencies

- | | | |
|----|-----------------------|-------------------|
| 1. | Police Department | Phone: <u>911</u> |
| 2. | Fire Department | Phone: <u>911</u> |
| 3. | Ambulance Name: _____ | Phone: _____ |

Emergency Support

- | | | |
|----|--|--------------|
| 1. | U.S. EPA Operations Office
Contact Name: _____ | Phone: _____ |
| 2. | Hospital
Name: _____
Address: _____
_____ | Phone: _____ |

State Officials

- | | | |
|----|---|--------------|
| 1. | State Hazardous Waste Program Office
Contact Name: _____
Address: _____ | Phone: _____ |
|----|---|--------------|